

Amendments to the Specification:

Please replace the paragraph beginning on page 14, line 3, with the following rewritten paragraph:

The values of k_{31} , D_{33} and k_b for piezoelectric single crystal elements after polarization processing and for devices using the piezoelectric single crystal elements, are calculated on the basis of the impedance curve and the phase for the modes of k_{31} and k_b , which are obtained by using the impedance gain phase analyzer (HP 4194A made by H.P. Co., Ltd.), by means of the known formula (see the standards of the Electronic Materials Manufacturers Association of Japan: EMAS-6008, 6100). The relative dielectric constant ϵ_r for the piezoelectric single crystal elements after polarization processing is calculated by the electrostatic capacitance (capacitance) obtained by using the impedance analyzer (YHP4192A: LF IMPEDANCE ANALYZER made by Y.H.P. Co., Ltd) and the shape of the elements. The piezoelectric distortion constant (d_{33}) is directly measured by using the d_{33} meter made in China (PIEZO d_{33} METER Model ZJ-30 made by INSTITUTE of ACOUSTICS ACADEMIA SINICA).

Please replace the Abstract with the attached substitute Abstract.